

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-300229

(43)Date of publication of application : 11.10.2002

(51)Int.Cl. H04L 29/14
G06F 13/14
G06F 13/38
H04L 12/28

(21)Application number : 2001-101854 (71)Applicant : TOSHIBA CORP

(22)Date of filing : 30.03.2001 (72)Inventor : SHONO ATSUO

(54) DEVICE AND METHOD FOR CONTROLLING USB COMMUNICATION AND USB COMMUNICATION SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a communication controller (route repeater and device) capable of performing data transmission between USB devices without using a PC.

SOLUTION: A connection waiting state process is provided, the entire bus is reset to start to enumerate the entire bus configuration when an operation is started or when a device is disconnected somewhere in the bus by erasing the contents of a bus configuration register 22 when becoming a connection waiting state, and device addresses are allocated in order from one.

